CANNING.001CP2 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Francis X. Canning

Appl. No.

10/619,796

Filed

July 15, 2003

For

: SPARSE AND EFFICIENT

BLOCK FACTORIZATION FOR

INTERACTION DATA

Examiner

Herng Der Day

Group Art Unit

2128

AMENDMENTS AND RESPONSE TO OFFICE ACTION DATED MARCH 26, 2007

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 26, 2007, Applicant respectfully submit the following amendments and comments in connection with the above-captioned application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

OK to enter? H.D. 6/7/07